業績目録（太田照和）

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最終学歴

昭和40年３月	東北大学工学部機械工学科卒業
昭和42年３月	東北大学大学院工学研究科機械工学専攻修士課程修了
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職　　歴

昭和45年４月	秋田大学鉱山学部機械工学科講師
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昭和49年12月	在外研究員としてアメリカ合衆国、カナダ、ドイツ連邦共和国に出張（昭和50年12月まで）
昭和55年10月	秋田大学鉱山学部生産機械工学科教授
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平成10年４月	東北大学評議員（平成12年３月まで）
平成18年３月	東北大学を定年退職

学　　位

昭和45年３月	工学博士（東北大学）

学会等における活動（役職等）

日本機械学会「次世代熱交換技術研究会」主査（平成２年～平成７年）
日本伝熱研究会編集委員長（平成２年～平成３年）
日本機械学会熱工学部門年鑑委員会委員長（平成７年～平成８年）
日本機械学会熱工学部門広報委員会委員長（平成８年～平成９年）
日本伝熱学会理事（平成８年～平成10年）
日本機械学会理事（平成９年～平成11年）
日本学術学会議第５部エネルギー資源工学研究連絡委員会委員（平成９年～現在）
日本伝熱学会監事（平成12年～平成14年）
同　副会長（平成15年～平成16年）
自動車技術会理事（平成14年～現在）
同　東北支部長（平成14年～平成16年）

社会における活動

泥湯地区地熱開発利用事業化可能性調査委員会副委員長（昭和56年～昭和57年）
東新潟地域振興計画策定事業委員会副委員長（平成２年～平成３年）
中小企業大学校仙台校研修委員会委員（平成４年～平成５年）
同　登録研修委員（平成５年～平成８年）
財）青葉工学振興会監事（昭和63年～平成９年）
同　理事（平成９年～現在）
同　常任理事（平成15年～現在）
東北大学学友会柔道部部長（平成３年～）
東北大学補導協議会協議員（平成５年～平成６年）
東北大学工学部・工学研究科　学部・大学院制度委員会委員長（平成９年～平成11年）
東北大学工学部史編纂委員会委員長（平成12年～）

業　績　目　録

Ⅰ．著書・編書

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2. 日本機械学会基準 熱交換器の熱的設計法［(執筆担当部分) 1.8.2 節］
太田照和 他 (1996年７月)

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57. 正方形柱まわりのはく離流れに及ぼす壁面効果の離散渦法解析
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61. 円柱まわりのキャビテーション流れの非定常特性（トリッピングワイヤの影響）
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63. はく離の制御による伝熱制御
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66. 角柱まわりのキャビテーション流れの非定常特性
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67. Turbulent Heat Transfer in a Separated and Reattached Flow over a Blunt Flat Plate
T. Ota and H. Kato [Proc. ASME/JSME Thermal Eng. Joint Conf., 3 (1991), 191-196]

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加賀拓也，太田照和［日本機械学会論文集 B 編，58(1992)，328-335］

72. Recent Developments of Heat Transfer Technology and Heat Exchanger in Japan
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T. Kaga and T. Ota [Exp. Thermal Fluid Science, 9 (1994), 382-390]

91. Numerical Analysis of Laminar Flow and Heat Transfer around a Surface-Mounted Hexahedron
T. Ota, H. Yanaoka and M. Nakajima [Proc. ASME/JSME Thermal Eng. Joint Conf., 1 (1995), 313-320]

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T. Ota and N. Ohi [Proc. ASME/JSME Thermal Eng. Joint Conf., 1 (1995), 363-370]

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